

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,918,427 B2  
 DATED : July 19, 2005  
 INVENTOR(S) : James A. Yurko

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1,

Lines 10 and 15, after "A" insert -- . --.

Column 6,

Line 13, after "formation" insert -- of --.

Line 49, "form" should be -- from --.

Column 7,

Line 23, "cooper-tin" should be -- copper-tin --.

Line 44, "include" should be -- including --.

Column 8,

Line 32, " $\Delta H = m \cdot \Delta f_s \cdot H_f + m \int_n^{\eta} C_p dT$ " should be --  $\Delta H = m \cdot \Delta f_s \cdot H_f + m \int_n^{\eta} C_p dT$  --.

Line 66, "it" should be -- its --.

Column 10,

Line 26, "road" should be -- rod --.

Line 55, " $\Delta H = m \cdot \Delta f_s \cdot H_f + m \int_n^{\eta} C_p dT$ " should be

$$\Delta H = m \cdot \Delta f_s \cdot H_f + m \int_n^{\eta} C_p dT$$

Line 58, " $H = 4(\text{kg}) \cdot 0.10 \cdot 400,000(\frac{J}{\text{kg}}) +$

$4(\text{kg}) \cdot (20^{\circ}\text{C}) \cdot 1,000(\frac{J}{\text{kg}^{\circ}\text{C}}) = 400,000 \text{ J}$ " should be

$$\Delta H = 4(\text{kg}) \cdot 0.20 \cdot 400,000(\frac{J}{\text{kg}}) + 4(\text{kg}) \cdot (20^{\circ}\text{C}) \cdot 1,000(\frac{J}{\text{kg}^{\circ}\text{C}}) = 400,000 \text{ J}$$

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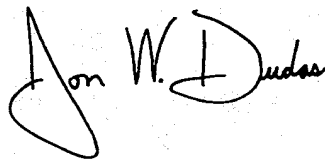
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 13,

Line 9, "claims" should be -- claim --.

Signed and Sealed this

Seventh Day of February, 2006

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a distinct "D".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*